the decision by the bend member **120** that is bended (S**26**). For example, the display controller **140** sets the updating order in the display order when the display controller **140** decides that the bend member **120***a* has been bended, while the display controller **140** sets the updating order in an inverse order of the display order when the display controller **140** decides that the bend member **120***b* has been bended. In this case, the displaying apparatus **100** may change each of the sensitivities of the deformation volume detector **122***a* and the deformation volume detector **122***b* in accordance with the contact position. For example, the sensitivity is set lower as the contact position is located at upper position at the bend member **120** in **FIG. 1**. Thus, the possibility of updating the display data excessively despite of the intension of the user becomes low.

[**0034**] The display controller **140** decides the contact position of the user at the bend member **120**, based on the result of the detection by the position detector **124***a* or by the position detector **124***b* (S**28**), and sets the updating speed of the display data based on the contact position (S**30**). For example, when the user moves the contact position to an upper part at the bend member **120** shown in **FIG. 1**, the display controller **140** speeds up the updating speed, while when the user moves the contact position to a lower part at the bend member **120** shown in **FIG. 1**, the display controller **140** slows down the updating speed.

[**0035**] After displaying the display data to be displayed firstly, the display controller **140** updates the display data, based on both the updating order and the updating speed (S**32**).

[**0036**] When the user continues to bend the bend member **120**, the display controller **140** repeats the steps from S**24** to S**32** (S**34** YES). In the step of S**34**, if the user does not continue to bend the bend member **120** for a predetermined time, the display controller **140** decides that the user stop bending (S**34** NO), and stops updating the display data. Accordingly, the user can update the display data in the displaying apparatus **100** having a feeling as if he turns the pages bending the book.

[**0037**] Alternatively, the display controller **140** may set the updating speed based on the deformation volume in the bend member **120**. For example, the display controller **140** speeds up the updating speed as the deformation volumes increase. In this case, the user can set the updating speed of the display data only by changing the deformation volume.

[**0038**] **FIG. 5** is a sectional view showing a configuration of a bend member **150***a* as a modification of the bend member **120***a*. **FIG. 5** corresponds to the A-A section view of the bend member **150** shown in **FIG. 1**. In addition, a bend member **150***b*, i.e. a modification of the bend member **120***b*, includes the same configuration as the bend member **150***a*.

[**0039**] The bend member **150** includes a plurality of sheet-like bend members **152**, and a plurality of deformation volume detectors **154**. Each of the sheet-like bend members **152** is stacked each other. Each of the deformation volume detectors **154** detects each of the deformation directions of the sheet-like bend members **152** and each of the deformation volumes of the sheet-like bend members **152**. The sheet-like bend member **152** is for example made of elastic resin. One end of each of the sheet-like bend members **152** is fixed to the frame **100***a* in the displaying apparatus **100** respectively, and the other end of each of the sheet-like bend members **152** is operable to be bended respectively. Each of the deformation volume detectors **154** includes planar piezoelectric material, which is fixed to each of the sheet-like bend members **152**. Each of the deformation volume detectors **154** outputs a signal of the voltage polarity and a signal of the voltage, each of which is generated on a surface of the piezoelectric element, to the display controller **140**, as a signal of the bend direction and as a signal of the deformation volume in each of the sheet-like bend members **152**.

[**0040**] The user bends the plurality of the sheet-like bend members **152** with a feeling of turning papers when inputting an indication for updating the display data to the displaying apparatus **100** according to the present modification. Therefore, the user can update the display data in the displaying apparatus **100** with the feeling of turning the pages of the book.

[**0041**] **FIG. 6** is a flowchart showing the operation of the display controller **140** according to the present modification. The display controller **140** decides which the sheet-like bend members **152** is bended, based on in which the deformation volume detectors **154** the voltage is generated (S**100**). Next, the display controller **140** sets the display data to be displayed firstly, based on the result of each of the decisions of the sheet-like bend members **152**. For example, the display controller **140** sets the display data, based on a stacking order in which the bended sheet-like bend members **152** are stacked. In this case, the stacking order in which plural sheet-like bend members **152** are stacked may be related to the order of the pages of the electronic book, in advance. More specifically, as the bended sheet-like bend member **152** is closer to the surface of the displaying apparatus **100**, the display controller **140** sets the display data corresponding to the previous page of the electronic book, as the display data to be displayed firstly. Thus, the user can select the display data to be displayed firstly with the feeling of opening the book. In addition, when the displaying apparatus **100** of the present modification used, a plurality of sheet-like bend members **152** is usually bended by the user. In this case, the display controller **140** may select set the display data to be displayed firstly, based on the stacking order of the bended sheet-like bend member **152** which is most closely to the surface of the displaying apparatus **100**, selected from the plural sheet-like bend members **152** which are bended.

[**0042**] Next, the display controller **140** decides that which the bend members **150** the sheet-like bend member **152** detecting the deformation volume, belongs to (S**104**). The display controller **140** sets the updating order of the display data, based on the result of this decision (S**106**).

[**0043**] After displaying the display data to be displayed firstly, in each time the user separates his finger from each of the sheet-like bend members **152**, i.e., any of the sheet-like bend members **152** is released from its bend (S**108** YES), the display controller **140** updates the display data (S**110**), and next the operation goes back to the S**104**. When none of the sheet-like bend members **152** is released from its bend for a predetermined time (S**108** NO), the display controller **140** finishes the step of updating the display data. Therefore, the user can search desirable display data with the feeling of turning the pages of the book.